

WHAT IS CLAIMED IS:

1. An optical stack, comprising:
an intrinsic polarizer having a first surface; and
a first optically functional coating disposed on the first surface of the intrinsic polarizer.
2. The optical stack of claim 1 wherein the intrinsic polarizer has a second surface, and further comprising
a second optically functional coating disposed on the second surface of the intrinsic polarizer.
3. The optical stack of claim 1 wherein the intrinsic polarizer is a K-type polarizer.
4. The optical stack of claim 1 wherein the intrinsic polarizer is a KE polarizer sheet.
5. The optical stack of claim 1 wherein the first optically functional coating comprises a hardcoat.
6. The optical stack of claim 1 wherein the first optically functional coating comprises a transreflector coating.
7. The optical stack of claim 6 wherein the transreflector coating comprises a layer of metal.
8. The optical stack of claim 1 wherein the first optically functional coating comprises a reflector coating.
9. The optical stack of claim 1 wherein the first optically functional coating comprises an antireflection film.

10. The optical stack of claim 9 wherein the antireflection film comprises a plurality of polymer layers.

11. The optical stack of claim 9 wherein the antireflection film comprises a plurality of inorganic layers.

12. The optical stack of claim 1 wherein the first optically functional coating comprises a liquid crystal polymer retarder compensation film.

13. The optical stack of claim 1 wherein the first optically functional coating comprises a diffusion coating.

14. The optical stack of claim 1 wherein the first optically functional coating comprises an antiglare film.

15. The optical stack of claim 1 wherein the first optically functional coating comprises a wide view film.

16. The optical stack of claim 1 wherein the first optically functional coating comprises an electrode.

17. The optical stack of claim 1 wherein the intrinsic polarizer has a second surface, and further comprising
a layer of adhesive disposed on the second surface of the intrinsic polarizer.

18. The optical stack of claim 17 wherein the intrinsic polarizer is attached to a liquid crystal display cell by the layer of adhesive.

19. The optical stack of claim 17 wherein the layer of adhesive comprises a pressure sensitive adhesive.

20. The optical stack of claim 17 wherein the layer of adhesive comprises a diffuse adhesive.

21. An optical stack comprising an intrinsic polarizer and an optically functional coating, wherein the thickness of the optical stack is less than 25 microns.

22. An optical stack comprising an intrinsic polarizer and an optically functional coating, wherein the thickness of the optical stack is about 25 microns.

23. An optical stack, comprising:
a K-type polarizer having a first surface and a second surface;
a first optically functional coating disposed on the first surface of the K-type polarizer; and
a second optically functional coating disposed on the second surface of the K-type polarizer.

24. A method of forming an optical stack, comprising:
providing an intrinsic polarizer having a first surface and a second surface; and
disposing a first optically functional coating on the first surface of the intrinsic polarizer.

25. The method of claim 24, further comprising
disposing a second optically functional coating on the second surface of the intrinsic polarizer.

26. The method of claim 24 wherein the disposing comprises coating.

27. The method of claim 24, further comprising
disposing a layer of adhesive on the second surface of the intrinsic polarizer.

28. An optical stack, comprising:
a thinly cladded iodine polarizer having a first surface; and
a first optically functional coating disposed on the first surface of the thinly cladded iodine polarizer.

29. A method of forming an optical stack, comprising:
providing a thinly cladded iodine polarizer having a first surface; and
disposing a first optically functional coating on the first surface of the thinly cladded polarizer.